

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	08/953713	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/11/21 18:43
L2	1	09/932128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/11/21 18:44
L3	46	"5552086"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/11/21 18:47
L4	57	"5567628"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/11/21 18:48
S1	7083	((gold or metal or metallic) near (sphere or microsphere or particle)) and binding	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:04
S2	5734	((gold or metal or metallic) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/07 18:33
S3	5774	((gold or metal or metallic) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or polymer) and (magnetic or ferroelectric)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/07 18:36
S4	5786	((gold or metal or metallic) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or polymer or antibody) and (magnetic or ferroelectric)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/07 18:36

S5	1822	((gold or silver) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or polymer or antibody) and (magnetic or ferroelectric)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/07 18:37
S6	2	"20020045276"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/07 18:38
S7	347	((gold or silver) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or polymer or antibody) and (magnetic or ferroelectric) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/07 18:54
S8	159	((gold or silver) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or antibody) and (magnetic or ferroelectric) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 13:26
S9	2	"20030157731"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/08 16:57
S10	2	"6586193"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 11:26
S11	2	"6586193" and particle	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 11:27
S12	101	((gold or silver) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or antibody) and (magnetic or ferroelectric) and density not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 17:27

S13	3	((gold or silver) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or antibody) and (magnetic or ferroelectric) and (antibiotin or antidigoxinin or antilfluorescein) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 17:07
S14	3	((gold or silver) near (sphere or microsphere or particle)) and (magnetic or ferroelectric) and (antibiotin or antidigoxinin or antilfluorescein) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 17:08
S15	86	((gold or silver) near (sphere or microsphere or particle)) and (protein or nucleic or peptide or carbohydrate or antibody) and (magnetic or ferroelectric) and (fluorescein or biotin or digoxinin) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 17:31
S16	15	((gold or silver) near (sphere or microsphere or particle or bead)) and (protein or nucleic or peptide or carbohydrate or antibody) and (magnetic or ferroelectric) and (antifluorescein or anti-fluorescein or antibiotin or anti-biotin or antidigoixnin or anti-digoxinin) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/10 15:19

S17	1132	((gold or silver) near (sphere or microsphere or particle or bead)) and coating and density not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 18:04
S18	140	((gold or silver) near (sphere or microsphere or particle or bead)) and coating and (low near density) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 18:05
S19	59	"4777145"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 18:07
S20	39	(particle or microparticle or bead or microbead or nanobead or nanoparticle or microsphere or nanosphere) and (gold near coating) and antibody not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/09 18:08
S21	15	((gold or silver) near (sphere or microsphere or particle or bead)) and (magnetic or ferroelectric) and (antifluorescein or anti-fluorescein or antibiotin or anti-biotin or antidigoixnin or anti-digoxinin) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/10 15:19
S22	41	(gold near (colloid or particle or sphere or bead or microsphere or microbead)) and (silver near coating)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/11 16:01
S23	12	(gold near (colloid or particle or sphere or bead or microsphere or microbead)) and (silver near coating) and antibody	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/11 15:43
S24	21	"5567628"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2004/06/11 16:01
S27	18	"5137827"	US-PGPUB; USPAT; EPO	OR	ON	2005/04/08 16:27

S28	36	(gold near (particle microsphere particulate)) and (light near scatter) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2005/04/08 16:44
S35	25	"5567628"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:06
S36	2115	gold with particle and (variation uniform) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/21 20:55
S37	86	gold with particle and coating and scatter and (variation uniform) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/22 19:10
S38	20	gold with particle and coating and scatter and ((variation uniform) with size) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/22 19:14
S39	0	gold with nanoparticle and coating and scatter and ((variation uniform) with size) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/22 19:14
S40	2	gold and nanoparticle and coating and scatter and ((variation uniform) with size) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/22 19:17
S41	21	"5137827"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/22 19:17
S42	30	"4929400"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:22
S43	137	"4267234"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:28
S44	176	uniform with gold with particles	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:24
S45	52	uniform with gold with particles not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:27
S46	52	"4339337"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:27
S47	101	"4267234" AND coating	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 16:28
S48	36	"4267234" AND (metal with coating)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 17:33

S49	198	uniform with nanoparticle AND ((gold metal) with coating)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 17:33
S50	2	uniform with nanoparticle AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/06/23 17:34
S51	3	uniform with diameter and nanoparticle AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:38
S52	16	"5882496"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 12:48
S53	26	"5393401"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 12:49
S54	1063	"5605662"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 12:49
S55	1	"5605662".pn.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 12:49
S56	2	uniform with nanoparticle AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 13:43
S57	12	uniform with nanoparticles not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:37
S58	0	uniform with quantum with dot and binding not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:19
S59	9	quantum with dot and binding not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:19
S60	2	uniform with nanocrystal and binding not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:37
S61	0	uniform with diameter and nanocrystal AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:38
S62	3	uniform with diameter and nanoparticle AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 14:38

S63	5	uniform and nanocrystal AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 19:04
S64	4	variation and nanocrystal AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 19:04
S65	25	variation and nanoparticle AND ((gold metal) with coating) not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/06 19:04
S66	12	uniform with nanoparticle not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/13 11:19
S67	10	nanoparticle and coating and gold and scatter not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 13:23
S69	30	"4929400"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 12:27
S70	12	"4929400" and coat	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 12:28
S71	3	"4929400" and coat and (gold au)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 12:28
S72	0	nanosphere and coating and gold and scatter not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 13:23
S73	4	uniform with microsphere and coating and gold and scatter not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 13:49
S74	2	monodisperse with microsphere and coating with gold and scatter not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 13:49
S75	10	monodisperse with microsphere and coating same gold not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/14 13:50
S76	0	quantum with dot and nanocoating not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/08 18:40
S77	62	quantum with dot and coating not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/08 18:41

S78	0	quantum with dot and coating and label not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/08 18:41
S79	23	((gold or metal or metallic) near (sphere or microsphere or particle)) and nanocoating	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:05
S80	0	((gold or metal or metallic) near (sphere or microsphere or particle)) and nanocoating not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:05
S81	0	((gold or metal or metallic) near (sphere or microsphere or particle bead)) and nanocoating not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:05
S82	31677	((gold or metal or metallic) near (sphere or microsphere or particle)) and coating	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:05
S83	11466	((gold or metal or metallic) near (sphere or microsphere or particle)) and coating not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:06
S84	15473	((gold or metal or metallic) with coating same (sphere or microsphere or particle)) and coating not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:06
S85	16268	((gold or metal or metallic) with coating same (sphere or microsphere or particle bead)) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:06
S86	0	((gold or metal or metallic) with coating same (sphere or microsphere or particle bead)) and quantum with dot not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:06



S87	237	((gold or metal or metallic) with coating same (sphere or microsphere or particle bead)) and fluorescence not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:06
S88	3023	((gold or metal or metallic) with coating same (sphere or microsphere or particle bead)) and color not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 00:07
S89	537	((gold or metal or metallic) with coating same (sphere or microsphere or particle bead)) same color not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 11:39
S90	243	((gold or metal or metallic) with coating same (sphere or microsphere or particle bead)) and label not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 12:37
S91	324	((gold or metal or metallic) with (coating coated) with (sphere or microsphere or particle bead)) and label not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 12:50
S92	163	((gold or metal or metallic) with (coating coated) with (sphere or microsphere or particle bead)) and label and (thickness thick) not @ay> "1996"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/03/15 12:51
S93	14	quantum with dot and metal with coating not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/15 14:42
S94	25	"4621024"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/15 15:23
S95	2	quantum with dot and gold with coating not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/15 14:42
S96	7	metal with coated with nanoparticles not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/15 15:41
S97	1	"9106036" not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2007/03/15 15:41

S98	30	"4624923"	US-PGPUB; USPAT; EPO	OR	ON	2007/12/20 13:52
S99	244	gold with particles same scatter	US-PGPUB; USPAT; EPO	OR	ON	2008/09/07 01:06
S100	230	gold with particles same scatter not @ay> "2006"	US-PGPUB; USPAT; EPO	OR	ON	2008/09/07 01:06
S101	16	gold with particles same scatter not @ay> "1996"	US-PGPUB; USPAT; EPO	OR	ON	2008/09/07 01:06
S102	1	09/932128	US-PGPUB; USPAT; EPO	OR	ON	2008/09/07 01:14
S103	0	yuerabide.in.	US-PGPUB; USPAT; EPO	OR	ON	2008/09/08 22:40
S104	26	yguerabide.in.	US-PGPUB; USPAT; EPO	OR	ON	2008/09/08 22:40
S105	98	"4647544"	US-PGPUB; USPAT; EPO	OR	ON	2008/09/08 22:51
S106	32	monodisperse with gold with particle not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 15:13
S107	39	monodisperse same gold with particle not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:01
S108	56	monodisperse with metal with particle not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:03
S109	4	monodisperse with metal with microsphere not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:04
S110	0	monodisperse same uniform with metal with microsphere not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:04
S111	0	monodisperse same identical with metal with microsphere not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:04
S112	6	monodisperse with microsphere same gold not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:04
S113	147	"6214560"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:06
S114	1	09/932128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:07

S115	50	gold same silver same particle same label not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/12 19:48
S116	161	"6214560"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 12:55
S117	8	08/953713	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 12:56
S118	37	yguerabide.in. and particle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 12:57
S119	25	yguerabide.in. and particle same gold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 13:02
S120	74	silver with core same gold with coating not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 16:29
S121	18	silver with core same gold with coating same particle not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 16:32
S122	0	silver with core same gold with coating same nanosphere not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 16:32
S123	32	magnetic same gold with coating same particle not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 16:32
S124	11	"6562403"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 16:46
S125	176	"5508164"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 17:05
S126	14	"5508164" not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 17:08
S127	8	maximum with absorption same gold with particle not @ay> "1996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/18 18:08

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